

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6986215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:39
L2	54	daramic and celgard	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:43
L3	13	daramic with membrane and celgard with membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:43
L4	2	"20050172513"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:46
L5	3	"9530793"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:56
L6	2	"6139759".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:58
L7	0	vapor adj permeable and polyolefin and silica and hydrophilic adj membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:59

L8	185	vapor adj permeable and polyolefin and silica and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 20:59
L9	2	vapor adj permeable and polyolefin and silica and membrane and 428/316.6.ccls. and waterproof	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:00
L10	0	vapor adj permeable and membrane with polyolefin and silica and membrane and 428/316.6.ccls. and waterproof	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:00
L11	0	vapor adj permeable and membrane with polyolefin with silica and membrane and 428/316.6.ccls. and waterproof	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:00
L12	0	vapor adj permeable and membrane with polyolefin with silica and membrane and waterproof	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:01
L13	0	vapor adj permeable and membrane with polyolefin with silica and membrane and water?repellant	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:01
L14	0	vapor adj permeable and membrane with polyolefin with silica and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:01
L15	19	vapor adj permeable and membrane with polyolefin and silica and membrane	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:01

L16	0	vapor adj permeable and membrane with polyolefin and silica and membrane and celgard	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:02
L17	32	vapor adj permeable and membrane with porous and polyolefin and silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:02
L18	7	vapor adj permeable and membrane with porous and polyolefin and silica with filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:03
L19	2	vapor adj permeable and membrane with porous and microporous with polyolefin and silica with filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:05
L20	50	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and silica with filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:08
L21	3	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and silica with filler and hygroscopic with microporous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:12
L22	7	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and hygroscopic with microporous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:13

L23	30	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and hygroscopic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:14
L24	1	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and hygroscopic with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:18
L25	1	vapor adj permeable and porous with (polyolefin polyethylene polypropylene) and hygroscopic with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:18
L26	4	vapor adj permeable and porous and (polyolefin polyethylene polypropylene) and hygroscopic with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:18
L27	1	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and hygroscopic with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:18
L28	110	vapor adj permeable and porous and (polyolefin polyethylene polypropylene) and filler with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:19
L29	147	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and filler with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:19
L30	61	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and filler with silica and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:19

L31	10	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and filler with silica and hygroscopic and "428"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:20
L32	1	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and filler with silica and hygroscopic and "428"/\$.ccls.and (celgard daramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:21
L33	1	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and filler with silica and hygroscopic and (celgard daramic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:21
L34	16	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and filler with silica and hygroscopic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:22
L35	0	vapor adj permeable and microporous and (polyolefin polyethylene polypropylene) and silica and 36/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:24
L36	0	vapor adj permeable and (polyolefin polyethylene polypropylene) and silica and 36/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:25
L37	8	vapor adj permeable and (polyolefin polyethylene polypropylene) and silica and 36/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:25

L38	4	vapor adj permeable and (polyolefin polyethylene polypropylene) and silica and 36/\$.cls. and waterproof	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:27
L39	509	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:31
L40	51	vapor adj permeable and microporous with (polyolefin polyethylene polypropylene) and filler with (silicon adj dioxide silica)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:32
L41	44	waterproof with membrane with vapor adj permeable and hydrophobic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:34
L42	7	40 and 41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:34
L43	36	daramic with membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:46
L44	25	daramic with membrane and polypropylene	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:46
L45	2	daramic with membrane and (waterproof hydrophobic) adj (layer membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:48

L46	23	daramic and (waterproof hydrophobic) adj (layer membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:48
L47	26	daramic and (waterproof hydrophobic) adj (layer membrane material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:49
L48	31	microporous adj membrane with (polyethylene polypropylene) and silica and (waterproof hydrophobic) adj (layer membrane material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:50
L49	2	microporous adj membrane with (polyethylene polypropylene) and silica and (waterproof hydrophobic) adj (layer membrane material) and polysiloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:51
L50	0	microporous adj membrane with (polyethylene polypropylene) and silica and (waterproof hydrophobic) with polysiloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:52
L51	0	microporous adj membrane with (polyethylene polypropylene) and silica and (waterproof hydrophobic) with siloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:52
L52	0	microporous adj membrane with (polyethylene polypropylene) and silica and (waterproof hydrophobic) adj layer and siloxane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:52

L53	3	microporous adj membrane with (polyethylene polypropylene) and silica and (waterproof hydrophobic) adj layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:52
L54	18	microporous with (polyethylene polypropylene) and silica and (waterproof hydrophobic) adj layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 21:53
L55	3	microporous with (polyethylene polypropylene) and silica and (waterproof hydrophobic) adj layer and ppg adj industries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:07
L56	0	microporous with (polyethylene polypropylene) and siliceous and (waterproof hydrophobic) adj layer and ppg adj industries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:08
L57	1	microporous with (polyethylene polypropylene) and siliceous and (waterproof hydrophobic) adj layer and ppg adj industries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:08
L58	30	microporous with (polyethylene polypropylene) and siliceous and (waterproof hydrophobic) and ppg adj industries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:08
L59	21	microporous with (polyethylene polypropylene) with molecular adj weight and siliceous and (waterproof hydrophobic) and ppg adj industries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:08



L60	0	microporous with (polyethylene polypropylene) with molecular adj weight with "500000" and siliceous and (waterproof hydrophobic) and ppg adj industries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:10
L61	0	microporous with (polyethylene polypropylene) with molecular adj weight with "500000" and siliceous and (waterproof hydrophobic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:10
L62	0	microporous with (polyethylene polypropylene) with molecular adj weight with "1,000000" and siliceous and (waterproof hydrophobic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:11
L63	23	microporous with (polyethylene polypropylene) with molecular adj weight and siliceous and (waterproof hydrophobic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 22:11

**EAST Search History (1 Interference)**

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